

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

- 1           1. (Currently amended): A computer system with a plurality of database management systems comprising:
  - 3                 a disk storage system ~~that stores~~configured to store a plurality of heterogeneous databases;
  - 5                 a module ~~that combines~~configured to combine said heterogeneous databases, said module disposed in a server connected to said disk storage system; and
  - 7                 a network ~~that interconnects~~configured to interconnect said disk storage system and said server, wherein said module ~~that combines~~configures databases, responsive to receiving user-requested specifications, controls data transfer bandwidth for reflecting update data from one of said heterogeneous databases in said disk storage system to another of said heterogeneous databases; and wherein said disk storage system performs resource allocations for said bandwidth responsive to control from said module ~~that combines~~configures databases.
- 1           2. (Currently amended): A computer system with a plurality of database management systems comprising:
  - 3                 a disk storage system ~~that stores~~configured to store a plurality of heterogeneous databases;
  - 5                 a module ~~that combines~~configured to combine said heterogeneous databases, said module disposed in a server connected to said disk storage system; and
  - 7                 a network ~~that connects~~configured to connect said disk storage system with said server, wherein said module ~~that combines~~configures databases, responsive to receiving user-requested specifications relating to a requested refresh rate and a replication data volume, determines a required bandwidth and resources therefor in order to satisfy said user-requested specifications, and wherein said module ~~that combines~~configures databases controls resources of said disk storage system;

12 and wherein said disk storage system performs resource allocations for said bandwidth based on  
13 control from said module ~~that combines databases~~.

3 & 4. (Canceled)

1               5. (Previously presented): In a computer system comprising a first server  
2 and a second server, interconnected by a network to a disk storage subsystem, a method for  
3 replicating comprising:

4               allocating resources to perform a copy within a disk storage subsystem, said disk  
5 storage subsystem comprising a first database and a second database different from said first  
6 database, said first database associated with a first server, said second database associated with a  
7 second server; and

8               replicating content from said first database to said second database; wherein said  
9 replicating is performed using said resources in said disk subsystem substantially independently  
10 of sending said content over said network.

1               6. (Original): The method of claim 5 wherein said first database is of a first  
2 format and said second database is of a second format, said replicating content from said first  
3 database to said second database in said disk subsystem further comprising:

4               replicating said content from said first database to an intermediate database, said  
5 intermediate database disposed on a shared volume of both said first format and said second  
6 format; and

7               replicating said content from said intermediate database to said second database.

1               7. (Original): The method of claim 5 wherein said computer system further  
2 comprises a third server, said method further comprising:

3               receiving at said third server at least one of a plurality of requested specifications  
4 relating to replication;

5               determining a data transfer capacity according to said specifications;

6                   determining at least one of a plurality of data transfer capacity settings according  
7 to said data transfer capacity;  
8                   notifying said disk subsystem of said data transfer capacity settings; and  
9                   allocating resources in said disk subsystem for data transfer based on said data  
10 transfer capacity settings.

1                 8. (Previously presented): In a computer system comprising a first server  
2 and a second server, interconnected by a network to a disk storage subsystem, a computer  
3 program product comprising:

4                   code for allocating resources to perform a copy within a disk storage subsystem,  
5 said disk storage subsystem comprising a first database and a second database different from said  
6 first database, said first database associated with a first server, said second database associated  
7 with a second server;

8                   code for replicating content from said first database to said second database;  
9 wherein said replicating is performed using said resources in said disk subsystem substantially  
10 independently of sending said content over said network; and

11                  a computer readable storage medium for holding the code.

1                 9. (Currently amended): A disk storage subsystem, said disk storage  
2 subsystem operable in a computer system comprising a plurality of computers, said plurality of  
3 computers interconnected to said disk storage subsystem by at least one of a plurality of  
4 information channels, wherein said disk storage subsystem copies content from a first database to  
5 a second database that is different from said first database using resources in said disk subsystem  
6 substantially independently of sending said content over said information channels; and wherein  
7 said disk storage subsystem copies said content in accordance with a resource allocation  
8 received from one of said plurality of computers, said resource allocation based upon at least one  
9 of a plurality of data transfer capacity settings determined by said one of said plurality of  
10 computers in accordance with a data transfer capacity and at least one of a plurality of received  
11 specifications.

1               10. (Previously presented): A disk storage subsystem operable in a computer  
2 system comprising a first server and a second server, interconnected by a network to said disk  
3 storage subsystem, wherein said disk storage subsystem replicates content of a first database  
4 associated with said first server to a second database associated with said second server, said first  
5 database and said second database disposed in said disk storage subsystem, said first database  
6 being different from said second database, wherein said disk storage subsystem allocates  
7 resources to perform content replication within said disk storage subsystem; and said disk  
8 storage subsystem replicates content from said first database to said second database; wherein  
9 said replicating is performed substantially independently of sending said content over said  
10 network.

1               11. (Previously presented): A computer system with a plurality of database  
2 management systems comprising: a disk storage system storing a plurality of heterogeneous  
3 databases; means for combining databases disposed in a server connected to said disk storage  
4 system and a network, for receiving user-requested specifications, and for controlling data  
5 transfer bandwidth involved in reflecting update data from a database in said disk storage system  
6 to another and different database; and said disk storage system performing resource allocations  
7 for said bandwidth based on control from said database combining means.

1               12. (Previously presented): A computer system with a plurality of database  
2 management systems comprising: a disk storage system storing a plurality of heterogeneous  
3 databases; means for combining databases disposed in a server connected to said disk storage  
4 system and a network, for receiving user-requested specifications relating to a requested refresh  
5 rate and a replication data volume, for determining required bandwidth and resources therefor in  
6 order to satisfy said user-requested specifications, and for controlling resources of said disk  
7 storage system; and said disk storage system performing resource allocations for said bandwidth  
8 based on control from said database combining means.

13 & 14.       (Canceled)